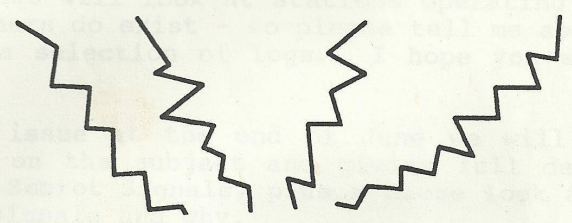
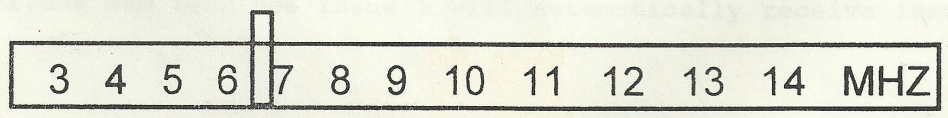


# E. N. I. G. M. A.

## European Numbers Information Group And Monitoring Association



|   |         |       |          |       |
|---|---------|-------|----------|-------|
| 0 | ZERO    | ZERO  | NULA     | NULL  |
| 1 | JEZIUTA | UNO   | EDNA     | EINS  |
| 2 | DVONTA  | DOI   | DVOYTZE  | SVO   |
| 3 | TRUNTA  | TREI  | TRI      | DREI  |
| 4 | CZDIRI  | PATRU | CHETYRI  | VIER  |
| 5 | PEYONTA | CINCI | PEDARTZE | FUNF  |
| 6 | SESH    | SASE  | SEST     | SECHS |
| 7 | SEDM    | SAPTE | SEDTZER  | SEDEN |
| 8 | OSEM    | OPT   | ASEH     | ACHT  |
| 9 | PRUNKA  | NOVA  | DEVET    | NEUN  |



"ENIGMA" - A RIDDLE - PUZZLING THING OR PERSON

Thank you for your interest in "number stations" - the radio spectrum is now larger and more accessible than ever - with something for everyone.

I hope through "Enigma" to look at the "number station" scene - I also hope you will be able to join in listening - it is important to say that the aim is only to provide dx interest - and extend the listening hobby.

The first issue will look at stations operating at present - I know that others do exist - so please tell me about them. Also enclosed is a selection of logs. I hope you will find it of interest.

In the next issue at the end of June we will be looking at publications on the subject and giving full details on Simon Mason's book Secret Signals, plus a close look at who might be sending the signals and why.

I would like to say thanks to:-

Andy Cadier, Shortwave Magazine  
Tony Rogers, British DX Club  
Alan Hutchins and David J Lane

Acknowledgements to Simon Mason

And Alison for typing all this.

Thank you.

The second issue of "Enigma" will be sent out at the end of June, please send in your letters, logs and comments to arrive by 5 June 1993, a stamp would be appreciated.

Kind regards 73's.

Chris

Everyone who receives issue 1 will automatically receive issue 2.

TWO LETTER GERMAN

ANNOUNCER GERMAN FEMALE MIXED AM / S S B

FORMAT

First 5 minutes consist of random electronic tones and a 2 letter identification - papa uniform - oscar alpha ect. Followed by group counts - 441-441-39 which would mean the message is for 441 and contains 39 5 figure blocks which follow.

OBSERVATIONS

This is the largest organisation with a great number of call signs and groups - the majority of broadcast are in the early-mid evening on 3 MHZ - 7 MHZ for Europe.

FREQUENCIES ACTIVE

|      |      |      |      |
|------|------|------|------|
| 2707 | 3262 | 3323 | 4010 |
| 4544 | 4595 | 4821 | 5015 |
| 5182 | 5732 | 5750 | 5770 |
|      | 7405 | 7740 |      |

OPERATING

Early/Late Evening

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STATION NNN

ANNOUNCER GERMAN/ENGLISH FEMALE

FORMAT

The first 5 minutes consist of the letter N in morse code - followed by a group count, eg 15 and a selection of 5 figure blocks.

OBSERVATIONS

The announcer reads quite slow with a laid-back sort of reading - I have only found the German version so far.

FREQUENCIES ACTIVE

5177 11101  
4026

OPERATING

Early Evening

---

FIVE DASHES

ANNOUNCER GERMAN FEMALE - OCCASION ENGLISH

FORMAT

First 5 minutes consist of a 3 figure number followed by a 5 figure number then 2 on 3 figures the english transmission was /257/05942/032/

257/257/257  
Address

05942  
Decoding Key

032  
The number of 5  
figure blocks to follow

This is all followed by 5 dashes and then the 5 figure blocks.

OBSERVATIONS

This station is easy to identify - the spaces between each letter are not equal - or of the same volume so the broadcast sounds VERY disconcerted and irregular - some are close together like FUNF - and some apart like NOYNER.

FREQUENCIES ACTIVE

12170 3348  
10255  
5474 in English

OPERATING

Afternoon/Evening

LINCOLNSHIRE POACHER

ANNOUNCER ENGLISH FEMALE / ALL IN S S B

FORMAT

First ten minutes consist of opening bars of the tune Lincolnshire Poacher followed by a 5 figure ID, eg 55141 repeated. Transmission starts at 10 past the hour with 10 tones followed by 5 figure blocks each repeated - the transmission carries 200 x 5 figure blocks per broadcast.

OBSERVATIONS

The broadcasts in S S B are often jammed - the previous fixed scheme in the early evening now seems more erratic - some times the jammer will only hit one frequency whilst others are clear.

FREQUENCIES ACTIVE

14487/15682 Early Afternoon  
7887/8464/9251 Mid/Early Evening  
4468/5746/6880 Evening - Up to 22.00

OPERATING

Most days/evenings

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SWEDISH RHAPSODY

ANNOUNCER GERMAN FEMALE

FORMAT

First 5 minutes consist of a short excerpt of the tune Swedish Rhapsody played on mechanical music box, this is followed by a group count, eg 61349 followed by a selection of random 5 figure numbers.

OBSERVATIONS

Some broadcast on more than one frequency - on Monday 22 February 1993 at 17.00 hours the announcer appeared between every third play of the tune and counted 0-9 is German, followed by a normal format at 5 minutes past the hour.

FREQUENCIES ACTIVE

4780 5340  
5749 6508

OPERATING

Early - Mid Evening

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COUNTING STATIONS

ANNOUNCER ENGLISH OR GERMAN FEMALE

FORMAT

First 10 minutes consist of count from 0-9 with a call eg 263 - this is followed at 10 past the hour with a count, eg 72 which is the number of blocks of numbers which will follow.

OBSERVATIONS

This station is in both English and German, the English version has a strong North American Accent, most transmission are on 2 frequencies at once and suffer jamming from time to time finding the pair of frequencies can be difficult.

FREQUENCIES ACTIVE - In Pairs Where Possible

4540/3190 9050/5415  
5415/4540  
5415/7588

OPERATING

Most Evenings -  
Large number  
of repeat  
transmissions

Also 7820/9050 which sounded more distant - not aimed at Europe.

TWO LETTER GERMAN

|       |          |       |    |    |                  |
|-------|----------|-------|----|----|------------------|
| 15.12 | 4595     | 20.00 | YL | GG | NOVEMBER UNIFORM |
| 21.12 | 4545 SSB | 21.30 | YL | GG | DELTA TANGO      |
| 06.01 | 5770     | 21.05 | YL | GG | ECHO LIMA        |
| 28.01 | 2707 SSB | 21.00 | YL | GG | ROMEO DELTA      |
| 02.02 | 4545     | 21.30 | YL | GG | DELTA CHARLIE    |
| 12.02 | 4595     | 19.00 | YL | GG | ROMEO DELTA      |
| 14.02 | 4821     | 22.00 | YL | GG | ROMEO DELTA      |
| 25.02 | 5732     | 23.00 | YL | GG | FOXTROT SIERRA   |
| 05.03 | 4545     | 21.00 | YL | GG | OSCAR ALPHA      |
| 09.03 | 4821     | 19.30 | YL | GG | VICTOR OSCAR     |
| 15.03 | 4545     | 21.03 | YL | GG | PAPA ZULU        |
| 16.03 | 4595     | 21.05 | YL | GG | PAPA ZULU        |

TRY ALSO 7740, 5182, 5750, 3323, 3262 ALL HEARD AFTER 5 MINUTE SIGN ON - IE AFTER SIGN ON.

ALPHABET STATION

|       |      |       |    |    |                     |
|-------|------|-------|----|----|---------------------|
| 7.01  | 8464 | 21.30 | YL | EE | S Y N 2             |
| 14.01 | 4465 | 21.12 | YL | EE | F T J 2             |
| 28.01 | 5092 | 21.35 | YL | EE | S S R 2             |
| 04.02 | 3420 | 21.30 | YL | EE | A R T 2             |
| 10.02 | 2270 | 20.40 | YL | EE | N O T I D ' -       |
| 14.02 | 3150 | 22.00 | YL | EE | P C D               |
| 7.03  | 4270 | 22.00 | YL | EE | P C D               |
| 09.03 | 4560 | 21.00 | YL | EE | Y H F               |
| 09.03 | 4880 | 23.00 | YL | EE | U L X 2             |
| 08.03 | 5629 | 20.30 | YL | EE | S Y N 2             |
| 16.03 | 5232 | 20.30 | YL | EE | M I W - MESSAGE WAS |
|       |      |       |    |    | M I W 16Z48         |
| 16.03 | 3150 | 21.05 | YL | EE | P C D               |

LINCOLNSHIRE POACHER

|       |              |       |    |    |         |
|-------|--------------|-------|----|----|---------|
|       |              |       |    |    | CALLING |
| 7.1   | 8464         | 21.30 | YL | EE |         |
| 12.02 | 5746         | 19.05 | YL | EE | 85253   |
| 17.02 | 4468         | 21.05 | YL | EE | 23143   |
| 28.02 | 14487//15682 | 13.08 | YL | EE |         |
| 05.02 | 6880         | 21.30 | YL | EE |         |
| 14.02 | 8464//       | 16.00 | YL | EE | 47694   |
| 14.02 | 9251         |       |    |    |         |
| 14.02 | 9251         | 17.00 | YL | EE | 06710   |

SWEDISH RHAPSODY

|       |        |        |    |    |                        |
|-------|--------|--------|----|----|------------------------|
| 2.02  | 5749   | 17.00  | YL | GG | WITH 0-9 COUNT BETWEEN |
|       |        |        |    |    | EACH 3 MUSICAL MARKERS |
| 05.03 | 6508// | 19.00  | YL | GG |                        |
|       |        | 5340// |    |    |                        |
|       |        | 4780// |    |    |                        |

STRICH/OBLIQUE

|       |      |       |    |    |  |
|-------|------|-------|----|----|--|
| 21.12 | 5780 | 21.12 | YL | GG |  |
| 28.08 | 5300 | 22.00 | YL | GG |  |
| 7.03  | 6758 | 17.07 | YL | RR |  |

STRICH/OBLIQUE

ANNOUNCER GERMAN RUSSIAN ENGLISH FEMALE

FORMAT

This is operating in 3 languages - German, Russian and English - the first 5 minutes consists of 3 figures - followed by the word / Strich / Oblique / Presta - depending on the language - 341/00 - this is followed by 5 figure blocks.

OBSERVATIONS

Poor quality audio - listen for words such as Sedum (7) and Dvonta (2) which are easy to pick out - the announcer is fast - 'the agents must be trained to write down the numbers' - since it is a difficult station to follow.

FREQUENCIES ACTIVE

5780 6758  
5300 3280

OPERATING

Mid-Evenings

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ALPHABET STATION

ANNOUNCER ENGLISH FEMALE

FORMAT

A 3 letter identification is broadcast - eg, Uniform Lima X-Ray - followed by the words message Message Group 98 Group 98 Text Text. Sometimes 2 messages are sent - the message consist only of letters - and can be quite long in duration.

OBSERVATIONS

This is a large organisation with a lot of transmitters and call signs. If a 1 follows the ID it is, I understand, a test - if 2 follows the ID no message will follow.

FREQUENCIES ACTIVE

2270 3420 4464 4564 4880  
5092 5232 5438 5630 5820  
6270 6842 8465 9131

OPERATING

All Evening

CALL HEADERS

ART - SSR - JSR - SYN - EZI - ULX - YHF - MIW

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RUSSIAN MAN

ANNOUNCER MALE ENGLISH / ALSO HEARD IN EAST EUROPEAN/RUSSIAN

FORMAT

The transmissions consist of a three figure identification 451 451 451 - followed by 2 letters 31 31 - 5 figure blocks after 5 minutes - transmission always end with '000' or '00000'.

OBSERVATIONS

Very hard to work out the schedule! Only heard occasionally. The male announcer is slow and clear with a powerful signal.

TRY - FOLLOWING

Late 1992 was

11220 11396  
10260

1993 try

5660 4580 4620  
7820 5390  
Evenings

COUNTING STATION

|       |               |       |    |    | CALL | COUNT |
|-------|---------------|-------|----|----|------|-------|
| 21.12 | 4540//3190    | 21.00 | YL | EE | 447  |       |
| 06.01 | 5415          | 21.05 | YL | EE | 661  |       |
| 07.07 | 5415//4540(J) | 21.11 | YL | EE | 219  |       |
| 08.01 | 5415//7588    | 21.00 | YL | EE | 661  |       |
| 20.01 | 9050//5415    | 21.17 | YL | EE |      |       |
| 10.02 | 7588//5415    | 21.00 | YL | EE | 017  | 159   |
| 12.02 | 11465         | 17.06 | YL | EE | 426  | 200   |
| 12.02 | 4588          | 18.00 | YL | EE | 918  | 092   |
| 12.02 | 5475          | 20.03 | YL | EE | 257  |       |
| 17.02 | 7820//9050    | 21.00 | YL | EE | 639  | 125   |
| 17.02 | 5415//7588    | 21.00 | YL | EE | 661  | 215   |
| 18.02 | 9050          | 21.00 | YL | EE | 103  | 119   |
| 18.02 | 4540//3190    | 21.05 | YL | EE | 725  |       |
| 08.03 | 5415//4540    | 21.05 | YL | EE | 263  | 072   |
| 13.03 | 5415//4010    | 19.00 | YL | EE | 383  | *     |
| 15.03 | 5415//4540    | 21.00 | YL | EE | 289  | 202   |

\* ALL 383 TRANSMISSION TERMINATE AFTER 10 MINUTES WITH NO MESSAGES.

CALL IS THE GROUP OR PERSON

COUNT IS THE NUMBER OF 5 FIGURE BLOCKS TO FOLLOW - THE MESSAGE -

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STATION NNN

|       |       |       |    |    |
|-------|-------|-------|----|----|
| 06.01 | 5177  | 21.12 | YL | GG |
| 12.02 | 11101 | 11.00 | YL | GG |
| 17.02 | 5177  | 21.03 | YL | GG |
| 26.03 | 4026  | 21.12 | YL | GG |

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FIVE DASHES

|       |         |       |    |    | CALLING       |
|-------|---------|-------|----|----|---------------|
| 08.01 | 4022    | 21.07 | YL | GG |               |
| 07.02 | 10255   | 11.15 | YL | GG |               |
| 12.02 | 12170// | 16.05 | YL | GG |               |
|       | 10255   |       |    |    |               |
| 12.02 | 5475    | 20.03 | YL | EE | 257 05942 032 |

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RUSSIAN MAN

|       |      |       |    |    | CALLING |
|-------|------|-------|----|----|---------|
| 14.01 | 4580 | 21.13 | OM | EE |         |
| 20.01 | 5390 | 21.08 | OM | EE |         |
| 28.01 | 4620 | 22.03 | OM | EE | 930     |
| 07.02 | 5660 | 21.00 | OM | EE |         |
| 15.02 | 7820 | 20.30 | OM | EE | '000'   |